



Neath Rural District Council

ANNUAL REPORT

For 1955 by

H. R. STUBBINS, M.D., D.P.H.
Medical Officer of Health



Neath Rural District Council

Chairman - - - - - Councillor BLODWEN M. JONES, J.P.

Vice-Chairman - - - - - Councillor J. T. EVANS, J.P.

| | | |
|-------------------------|---------------------------|--------------------------|
| Councillor ALLEN, T. G. | Councillor DAYMOND, D. J. | Councillor POWELL, T. G. |
| „ ARTHUR, Richard | „ EVANS, Ivor L. | „ POWELL, W. J. |
| „ ATYEO, E. J. | „ EVANS, John, H. | „ REES, T. |
| „ BUTTON, C. H. | „ GEORGE, J. S., J.P. | „ SMITH, J. J. |
| „ DAVID, Wm. | „ GRIFFITHS, W. J. | „ THOMAS, T. L. |
| „ DAVIES, A. M. | „ HULL, David, J.P. | „ VOWLES, A., J.P. |
| „ DAVIES, D. J. | „ JONES, Wm., J.P. | „ WILLIAMS, I. |
| „ DAVIES, J. E. | „ LUNN, J. J. | |
| „ DAVIES, Richard | „ MORGAN, G. T. | |
| „ DAVIES, W. J. | „ POPE, C. G. | |

PUBLIC HEALTH COMMITTEE

Chairman - - - - - Councillor J. T. EVANS, J.P.
 Vice-Chairman - - - - - Councillor T. G. ALLEN

HOUSING COMMITTEE

Chairman - - - - - Councillor I. WILLIAMS
 Vice-Chairman - - - - - Councillor T. REES

WATER COMMITTEE

Chairman - - - - - Councillor A. M. DAVIES
 Vice-Chairman - - - - - Councillor R. ARTHUR

FINANCE COMMITTEE

Chairman - - - - - WILLIAM JONES, J.P.
 Vice-Chairman - - - - - D. J. DAYMOND

PUBLIC HEALTH OFFICERS

Medical Officer of Health:

H. R. STUBBINS, M.D., D.P.H.

Senior Sanitary Inspector:

C. G. STANFORD, C.R.S.I. and S.I.E.J.B., R.S.I. Meat Cert.

District Sanitary Inspectors:

F. W. MILES, C.R.S.I. and S.I.E.J.B., R.S.I. Meat Cert.

T. J. JONES, C.R.S.I. and S.I.E.J.B., R.S.I. Meat Cert.

GLYN J. PHILLIPS, C.R.S.I. and S.I.E.J.B., R.S.I. Meat Cert.

Senior Clerk:

D. J. DAVIES

Junior Clerk:

EIRWEN OWEN

Rodent Officer:

C. H. FOSTER

TO THE CHAIRMAN AND MEMBERS OF THE NEATH RURAL DISTRICT COUNCIL

Mr. Chairman, Mrs. Jones, and Gentlemen,

I have pleasure in submitting my Annual Report on the Health and Sanitary circumstances in your area for the year ended 31st December, 1955. It is prepared in accordance with the circulars issued by the Welsh Board of Health.

POPULATION.

The estimated population for 1955 according to the return of the Registrar General was 41,200. In the census year of 1951 the population of the Neath Rural District was 41,579. Although there is full employment in the area the population has varied by little indeed during the last seven years.

BIRTH RATE.

The Birth Rate for 1955 was 13.74 per thousand of the population, a decrease of .5 per thousand as compared with the rate for 1954. A total of 566 live infants were born, made up of 309 male, 248 female legitimate births, and 6 male and 3 female illegitimate births.

The Still Birth Rate per thousand live and still births was 39.05.

DEATH RATE.

The Death Rate per thousand of the estimated population was 12.6, an increase of 1.78 per thousand as compared with the rate for 1954.

61.5 per cent of the total deaths occurred in persons over the age of 65 years. The first quarter of the year again claimed the largest number of deaths with 189, the second and fourth quarters claimed 115 and 114 respectively, while in the third quarter, namely July, August and September, 101 deaths were recorded.

Of the 519 deaths which occurred during the year, diseases of heart and circulatory system accounted for 231 deaths, diseases of the chest (excluding tuberculosis) caused 86 deaths, while cancer was the cause of 55 deaths. Ten cases of cancer of the lung were recorded, all in the male sex.

MATERNAL MORTALITY.

I am glad to be able to report that there were no maternal deaths due to pregnancy and child birth during the year 1955.

This admirable state of affairs was one which not so many years ago we only dared hope for. However, the increased knowledge and skill of doctors and nurses, the extra care which is now being taken of expectant mothers, plus the excellent hospital facilities on our doorstep, as it were, have all helped to bring it about.

INFANTILE MORTALITY RATE.

This rate is calculated on the number of infants per thousand live births who failed to survive the first year of life. During 1955 this rate was 40.64. This was a marked increase on last year's rate.

Out of the 23 deaths recorded, 11 were premature births, four died from broncho pneumonia, three were congenitally malformed; in two cases the lungs failed to function, one died from a brain hæmorrhage and one died following an accident.

INFECTIOUS DISEASES.

WHOOPIING COUGH. Fifty-four cases were notified with no deaths. I cannot emphasise too strongly that all mothers should take the opportunity of having their babies immunised at an early date and so avoid not only the distressing symptoms of this disease, but also the complications which follow.

SCARLET FEVER. Twelve cases were notified: all were of the mild type. The germ which causes this disease responds quickly to the modern antibiotics and the old complications which did follow scarlet fever are rarely seen to-day. Only in overcrowded households and institutions is it really necessary to hospitalize the patient.

DIPHTHERIA. Again no cases were recorded, but it is still necessary to continue with immunisation against this disease. Outbreaks have occurred in various parts of the country with distressing results. The number of children being immunised is still far too small and I dread to think what would be the consequences should an outbreak occur. The facilities are available. Parents do know about them and I urge them all to protect their children.

MEASLES. This was an epidemic year. Over five hundred cases were notified, with one death. We have at present no immunising material for measles, so please call in the family doctor as soon as symptoms develop, in order to prevent the long complications which prove so dangerous in young children.

POLIOMYELITIS. Six cases were notified during the year. All were of the paralytic type. The cases were distributed in various parts of the Rural Area and there did not seem to be any connection between them.

This report is being compiled after the introduction of the new anti-poliomyelitis vaccine. I sincerely hope that all parents will take the opportunity of protecting their children against this disease. Owing to the scarcity of the vaccine only certain age groups have so far been offered vaccination, but in the New Year a sufficient supply will be available for all groups.

TUBERCULOSIS. Thirty new cases of pulmonary tuberculosis and six cases of non-pulmonary tuberculosis were notified to the department during the year. There were eight deaths.

It is generally agreed that we are slowly overcoming this disease. The death rate per 100,000 of the population is decreasing all over the country and for the Neath Rural Area is .19. When compared with .26, which was the rate for 1954, this is a most satisfactory decrease. Furthermore, the Ministry of Education has advocated a scheme of B.C.G. vaccination against tuberculosis and this in the first place is offered to all children in our schools aged 13 years.

HOUSING.

A total of 199 houses were built and occupied during 1955. This brings the total of houses which the Council have built to date to 1,635. This seems a vast number, and although the population has not increased to any great extent, there is still a waiting list of over a thousand and the applications are still coming in. One often wonders under what conditions the people lived before! With the advent of this period of full employment and subsequent prosperity in the area, every little family desires a home of its own and who can blame them?

As usual, I have included some statistics of the work of the Divisional Health Committee. These, I hope, may be of interest to the Council and especially to those members who are also members of the Divisional Health Committee.

In conclusion I would like to express my thanks to the Clerk, Engineer and Treasurer. To Mr. Stanford and his staff, and to Mr. Davies, the Chief Clerk, for their loyal co-operation during the year.

I am, Mr. Chairman, Mrs. Jones and Gentlemen,

Yours faithfully,

H. R. STUBBINS,

Medical Officer of Health.

1—STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area.—The acreage of the Neath Rural District (including land and inland water) is 52,039.

| | | | | | |
|---------------------|-----|-----|-----|-----|-------------|
| Baglan Higher | ... | ... | ... | ... | 1,178 acres |
| Blaengwrach | ... | ... | ... | ... | 2,869 „ |
| Blaenhonddan | ... | ... | ... | ... | 3,466 „ |
| Clyne | ... | ... | ... | ... | 2,195 „ |
| Coedffranc | ... | ... | ... | ... | 3,826 „ |
| Dyffryn Clydach | ... | ... | ... | ... | 1,725 „ |
| Dulais Higher | ... | ... | ... | ... | 6,261 „ |
| Dulais Lower | ... | ... | ... | ... | 5,227 „ |
| Michaelstone Higher | ... | ... | ... | ... | 2,410 „ |
| Neath Higher | ... | ... | ... | ... | 6,870 „ |
| Neath Lower | ... | ... | ... | ... | 2,101 „ |
| Resolven | ... | ... | ... | ... | 4,672 „ |
| Rhigos | ... | ... | ... | ... | 5,583 „ |
| Tonna | ... | ... | ... | ... | 3,116 „ |

Population.—The census population of 1951 is 41,579.

The Registrar-General's estimated population for 1955 is 41,200.

Rateable Value and Sum Represented by a Penny Rate:—

| | | | | | |
|------------------------------|-----|-----|-----|-----|-----------|
| (a) Total Rateable Value | ... | ... | ... | ... | £173,825 |
| (b) Produce of a Penny Rate— | | | | | |
| General Rate Purposes | ... | ... | ... | ... | £651-18-3 |

Extracts from Vital Statistics of the Year:—

| | | Total | M. | F. | |
|--------|--------------|-------|-----|-----|---|
| LIVE | Legitimate | ... | 557 | 309 | 248 |
| BIRTHS | Illegitimate | .. | 9 | 6 | 3 |
| | | | | | Birth-rate per 1,000 of the estimated population 13.74 |
| STILL | Legitimate | ... | 23 | 12 | 11 |
| BIRTHS | Illegitimate | .. | — | — | — |
| | | | | | Still-birth rate per 1,000 Live and Still births 39.05 |
| DEATHS | ... | ... | 519 | 284 | 235 |
| | | | | | Death-rate per 1,000 of the estimated resident population ... 12.60 |

Maternal Deaths.

| | Deaths | Rate per 1,000 total Live and Still births. |
|-------------------------------------|--------|---|
| Pregnancy, Child Birth and Abortion | ... | 0 |
| | | 0.00 |

Death Rate of Infants under One Year of Age:—

| Rate of Infants under One Year of Age:— | | | | Death Rate |
|---|-----|-------|------|------------|
| All infants per 1,000 live births ... | ... | ... | ... | 40.64 |
| Legitimate infants per 1,000 legitimate live births ... | | | ... | 41.29 |
| Illegitimate infants per 1,000 illegitimate live births ... | | | | 0.00 |
| | | Total | Male | Female |
| Deaths from CANCER (all ages) ... | | 55 | 30 | 25 |
| Deaths from MEASLES (all ages) ... | | 1 | 1 | 0 |
| Deaths from WHOOPING COUGH (All ages) ... | ... | 0 | 0 | 0 |

Age Distribution of Cancer Deaths :—

| | | | | | | Male | Female |
|----------------------|-----|-----|-----|-----|-----|------|--------|
| 0—25 years | ... | ... | ... | ... | ... | 0 | 0 |
| 25—35 years | ... | ... | ... | ... | ... | 0 | 0 |
| 35—45 years | ... | ... | ... | ... | ... | 1 | 1 |
| 45—55 years | ... | ... | ... | ... | ... | 6 | 6 |
| 55—65 years | ... | ... | ... | ... | ... | 11 | 11 |
| 65 years and onwards | ... | ... | ... | ... | ... | 12 | 7 |
| Total | | | | | | 30 | 25 |

Births.—The proportion of live female and live male births for the year is as 1,000 is to 1,250.

The number of births and birth-rates for the Neath Rural District are shown in the following Table:—

| Year | | | | Births | Birth-rate |
|------|-----|-----|-----|--------|------------|
| 1946 | ... | ... | ... | 741 | 18.5 |
| 1947 | ... | ... | ... | 800 | 19.9 |
| 1948 | ... | ... | ... | 694 | 16.8 |
| 1949 | ... | ... | ... | 654 | 15.9 |
| 1950 | ... | ... | ... | 660 | 15.9 |
| 1951 | ... | ... | ... | 637 | 15.4 |
| 1952 | ... | ... | ... | 637 | 15.4 |
| 1953 | ... | ... | ... | 616 | 14.9 |
| 1954 | ... | ... | ... | 587 | 14.2 |
| 1955 | ... | ... | ... | 566 | 13.7 |

Still-births.—The number of still-births and the still-birth rates since 1945 for the Neath Rural District are as follows:—

| Year | | | | Still-births | Still-birth rates per 1,000 live and still-births |
|------|-----|-----|-----|--------------|---|
| 1946 | ... | ... | ... | 17 | 28.8 |
| 1947 | ... | ... | ... | 25 | 30.3 |
| 1948 | ... | ... | ... | 19 | 26.6 |
| 1949 | ... | ... | ... | 17 | 25.3 |
| 1950 | ... | ... | ... | 22 | 32.2 |
| 1951 | ... | ... | ... | 19 | 29.6 |
| 1952 | ... | ... | ... | 25 | 37.7 |
| 1953 | ... | ... | ... | 18 | 28.39 |
| 1954 | ... | ... | ... | 18 | 29.75 |
| 1955 | ... | ... | ... | 23 | 39.05 |

Deaths.—The deaths at all ages from all causes during the year 1955 amounted to 519. Of this total, 284 were males and 235 females. The deaths correspond to a death-rate of 12.6 per thousand of the population.

The number of deaths, as well as the percentage at different age periods, are given below :—

| Age Periods | No. of Deaths | Percentage of Total Deaths |
|----------------------|---------------|----------------------------|
| 0— 1 year | 23 | 4.43 |
| 1— 2 years | 1 | 0.19 |
| 2— 5 years | 2 | 0.39 |
| 5—15 years | 2 | 0.39 |
| 15—25 years | 1 | 0.19 |
| 25—45 years | 22 | 4.24 |
| 45—65 years | 149 | 28.71 |
| 65 years and upwards | 319 | 61.46 |
| Total | 519 | 100.00 |

The number of deaths and death-rates for the area since 1946 are given in the following Table :—

| Year | No. of Deaths | Death-rates |
|------|---------------|-------------|
| 1946 | 448 | 11.2 |
| 1947 | 472 | 11.7 |
| 1948 | 425 | 10.3 |
| 1949 | 441 | 10.7 |
| 1950 | 529 | 12.7 |
| 1951 | 536 | 12.9 |
| 1952 | 439 | 10.64 |
| 1953 | 448 | 10.87 |
| 1954 | 446 | 10.82 |
| 1955 | 519 | 12.6 |

During the year the District Coroner held inquests on 29 deaths, i.e., 5.5% of the total deaths.

Transferable Deaths.—129 deaths occurred outside the district, i.e., being persons belonging to this district. These deaths are included in the total number of deaths, 519 given above. 24 deaths occurred within the district among persons belonging to other districts and these have been transferred to the districts concerned and are not included in the total number of deaths for the area.

Seasonable Death-rate.—The following table gives the number of deaths and death-rates for each quarter of 1955 :—

| | No of Deaths | Death-rate |
|----------------|--------------|------------|
| First Quarter | 189 | 18.34 |
| Second Quarter | 115 | 11.16 |
| Third Quarter | 101 | 9.80 |
| Fourth Quarter | 114 | 11.06 |

The following table gives the comparative figures for Births, Deaths and Infant Mortality Rates in the County of Glamorgan :—

GLAMORGAN (ADMINISTRATIVE COUNTY) —VITAL STATISTICS, 1955

| | Estimated Population 1955 | BIRTHS | | DEATHS | | INFANT MORTALITY | | NEO NATAL MORTALITY | |
|----------------------------|---------------------------------|------------------------|---------------------------------|------------------|---------------------------------|------------------|----------------------------------|-------------------------------------|----------------------------------|
| | | Number of Births | Rate per 1,000 Population | Number Deaths | Rate per 1,000 Population | Deaths 1 Year | Rate per 1,000 Live Births | Deaths under 1,000 4 Weeks | Rate per 1,000 Live Births |
| ENGLAND AND WALES | ... | ... | 15.0 | ... | 11.7 | ... | 24.9 | ... | 17.3 |
| ADMINISTRATIVE COUNTY | ... | 11,137 | 15.10 | 9,653 | 13.09 | 374 | 33.58 | 253 | 22.72 |
| URBAN DISTRICTS | ... | 8,236 | 15.40 | 6,972 | 13.03 | 286 | 34.72 | 189 | 22.95 |
| RURAL DISTRICTS | ... | 2,901 | 14.33 | 2,681 | 13.24 | 88 | 30.33 | 64 | 22.06 |
| Health Division | | | | | | | | | |
| Constituent Districts | | | | | | | | | |
| ABERDARE AND MOUNTAIN ASH | ... | 551 | 13.60 | 677 | 16.72 | 18 | 32.67 | 14 | 25.41 |
| Aberdare Urban | ... | 465 | 15.10 | 443 | 14.38 | 17 | 36.56 | 13 | 27.96 |
| Mountain Ash Urban | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| CAERPHILLY AND GELLIGAER | ... | 668 | 18.07 | 398 | 10.77 | 24 | 35.93 | 16 | 23.95 |
| Caerphilly Urban | ... | 672 | 18.58 | 449 | 12.41 | 33 | 49.11 | 21 | 31.25 |
| Gelligaer Urban | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| MID GLAMORGAN | ... | 250 | 17.53 | 150 | 10.52 | 4 | 16.00 | 4 | 16.00 |
| Bridgend Urban | ... | 363 | 15.91 | 287 | 12.58 | 16 | 44.08 | 6 | 16.53 |
| Maesteg Urban | ... | 329 | 14.79 | 269 | 12.10 | 7 | 21.28 | 7 | 21.28 |
| Ogmore & Garw Urban | ... | 148 | 15.04 | 144 | 14.63 | 6 | 40.54 | 4 | 27.03 |
| Porthcawl Urban | ... | 499 | 14.21 | 535 | 15.24 | 22 | 44.09 | 15 | 30.06 |
| Penybont Rural | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| NEATH & DISTRICT | ... | 397 | 12.64 | 437 | 13.91 | 16 | 40.30 | 13 | 32.75 |
| Neath M.B. | ... | 566 | 13.74 | 519 | 12.60 | 23 | 40.64 | 16 | 28.27 |
| Neath Rural | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PONTYPRIDD AND LLANTRISANT | ... | 435 | 16.99 | 308 | 12.03 | 13 | 29.89 | 9 | 20.89 |
| Llantrisant Rural | ... | 523 | 13.77 | 535 | 14.09 | 20 | 38.24 | 15 | 28.68 |
| Pontypridd Urban | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PORT TALBOT AND GLYNCORRWG | ... | 182 | 19.04 | 100 | 10.46 | 8 | 43.96 | 3 | 16.48 |
| Glyncorrgwg Urban | ... | 877 | 18.79 | 511 | 10.95 | 30 | 34.21 | 23 | 26.23 |
| Port Talbot M.B. | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| SOUTH EAST GLAMORGAN | ... | 708 | 16.93 | 466 | 11.15 | 19 | 26.84 | 13 | 18.36 |
| Barry M.B. | ... | 491 | 13.11 | 523 | 13.97 | 10 | 20.37 | 8 | 16.29 |
| Cardiff Rural... | ... | 15 | 14.56 | 13 | 12.62 | 2 | 133.33 | 1 | 66.67 |
| Cowbridge M.B. | ... | 313 | 16.32 | 153 | 7.98 | 6 | 19.17 | 5 | 15.97 |
| Cowbridge Rural | ... | 279 | 14.71 | 222 | 11.70 | 8 | 28.67 | 3 | 10.75 |
| Penarth Urban | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| WEST GLAMORGAN | ... | 165 | 13.99 | 170 | 14.42 | 5 | 30.30 | 3 | 18.18 |
| Gower Rural | ... | 322 | 12.55 | 294 | 11.46 | 10 | 31.06 | 6 | 18.63 |
| Llwechwr Urban | ... | 432 | 13.43 | 473 | 14.70 | 9 | 20.83 | 8 | 18.52 |
| Pontardawe Rural | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| RHONDDA | ... | 1,487 | 13.74 | 1,577 | 14.57 | 48 | 32.28 | 27 | 18.16 |
| Rhondda Urban | ... | 108,210 | ... | ... | ... | ... | ... | ... | ... |

Causes of Death (Neath Rural) 1955.

| | Male | Female | Total |
|--|------|--------|-------|
| Tuberculosis—respiratory | 7 | 1 | 8 |
| Tuberculosis—other | 0 | 0 | 0 |
| Syphilitic Disease | 0 | 0 | 0 |
| Diphtheria | 0 | 0 | 0 |
| Whooping Cough | 0 | 0 | 0 |
| Meningococcal infections | 0 | 0 | 0 |
| Acute Poliomyelitis | 0 | 0 | 0 |
| Measles | 1 | 0 | 1 |
| Other infective and parasitic diseases ... | 2 | 1 | 3 |
| Malignant Neoplasm, stomach | 6 | 6 | 12 |
| Malignant Neoplasm, lung bronchus ... | 10 | 0 | 10 |
| Malignant Neoplasm, breast | 0 | 2 | 2 |
| Malignant Neoplasm, uterus | 0 | 3 | 3 |
| Other malignant and lymphatic neoplasm | 14 | 14 | 28 |
| Leukæmia aleukæmia | 1 | 1 | 2 |
| Diabetes | 1 | 5 | 6 |
| Vascular lesions of nervous system ... | 24 | 38 | 62 |
| Coronary disease, angina | 43 | 22 | 65 |
| Hypertension with heart disease | 4 | 10 | 14 |
| Other heart diseases | 22 | 39 | 61 |
| Other circulatory diseases | 20 | 29 | 49 |
| Influenza | 3 | 3 | 6 |
| Pneumonia | 19 | 12 | 31 |
| Bronchitis | 28 | 7 | 35 |
| Other diseases of respiratory system ... | 20 | 0 | 20 |
| Ulcer of stomach and duodenum | 2 | 0 | 2 |
| Gastritis, enteritis and diarrhœa | 0 | 0 | 0 |
| Nephritis and nephrosis | 3 | 5 | 8 |
| Hyperplasia of prostate | 2 | 0 | 2 |
| Pregnancy, childbirth, abortion | 0 | 0 | 0 |
| Congenital malaformations | 2 | 1 | 3 |
| Other defined and ill-defined diseases ... | 32 | 27 | 59 |
| Motor Vehicle accidents | 3 | 3 | 6 |
| All other accidents | 13 | 6 | 19 |
| Suicide | 2 | 0 | 2 |
| Homicide and operations of war | 0 | 0 | 0 |
| Total | 284 | 235 | 519 |

Infantile Mortality.

For the purpose of calculating Infantile Mortality, there were 566 births during the year and 23 deaths of infants under One Year, giving an infantile mortality rate of 40 per thousand live births.

The infantile mortality rates for legitimate and illegitimate infants were 40 and 0.00 respectively.

The following table gives the number of births and deaths of infants under One Year, together with its corresponding infant mortality rate, for each year since 1946:—

| Year | | | | Births | Deaths under one year | Rate per 1,000 births |
|------|-----|-----|-----|--------|--------------------------|--------------------------|
| 1946 | ... | ... | ... | 741 | 35 | 47 |
| 1947 | ... | ... | ... | 800 | 37 | 46 |
| 1948 | ... | ... | ... | 694 | 32 | 46 |
| 1949 | ... | ... | ... | 654 | 27 | 41 |
| 1950 | ... | ... | ... | 660 | 22 | 33 |
| 1951 | ... | ... | ... | 637 | 15 | 24 |
| 1952 | ... | ... | ... | 637 | 12 | 19 |
| 1953 | ... | ... | ... | 616 | 31 | 50 |
| 1954 | ... | ... | ... | 587 | 16 | 27 |
| 1955 | ... | ... | ... | 566 | 23 | 40 |

The following Table gives the causes of death in these 23 cases:—

| Number | Age | Sex | | | Cause of Death |
|--------|-----------|--------|-----|-----|---------------------------|
| 1 | 4 months | Female | ... | ... | Accident. |
| 2 | 1 month | Male | ... | ... | Congenital Malformation. |
| 3 | 12 hours | Female | ... | ... | Atelectasis. |
| 4 | 4 days | Female | ... | ... | Congenital Malformation. |
| 5 | 10 months | Male | ... | ... | Congenital Malformation. |
| 6 | 3 days | Male | ... | ... | Intra Cranial Hæmorrhage. |
| 7 | 1 day | Male | ... | ... | Prematurity. |
| 8 | 1 week | Female | ... | ... | Broncho Pneumonia. |
| 9 | 3 months | Male | ... | ... | Broncho Pneumonia. |
| 10 | 1 day | Male | ... | ... | Prematurity. |
| 11 | 2 days | Female | ... | ... | Prematurity. |
| 12 | 5 months | Male | ... | ... | Broncho Pneumonia. |
| 13 | 15 hours | Male | ... | ... | Prematurity. |
| 14 | 1 week | Male | ... | ... | Prematurity. |
| 15 | 7 minutes | Male | ... | ... | Prematurity. |
| 16 | 7 months | Male | ... | ... | Broncho Pneumonia. |
| 17 | 1 week | Male | ... | ... | Prematurity. |
| 18 | 9 hours | Male | ... | ... | Prematurity. |
| 19 | 17 hours | Male | ... | ... | Atelectasis. |
| 20 | 3 days | Male | ... | ... | Prematurity. |
| 21 | 4 months | Male | ... | ... | Encephalitis. |
| 22 | 21 hours | Female | ... | ... | Prematurity. |
| 23 | 1 day | Female | ... | ... | Prematurity. |

II—SANITARY CIRCUMSTANCES OF THE AREA

(a) **Water.**

The following Raintall has recorded at Ystradfellte during 1955 :—

| | ins. |
|------------------|-------|
| January | 5.70 |
| February | 2.80 |
| March | 4.97 |
| April | 4.93 |
| May | 7.16 |
| June | 9.36 |
| July | 1.60 |
| August | 2.30 |
| September | 3.95 |
| October | 4.51 |
| November | 5.39 |
| December | 12.59 |
| Total | 65.26 |

The following Table gives the various sources of water supply, together with the number of houses served by each supply in each District, Valley, Parish and Ward :—

| District and Parishes | Ystradfellte Water Scheme | Llynfawr Reservoir & Trading Estate | Neath Borough Reservoir | Springs, Wells, Etc. | Without Water Supply | Total |
|--|---------------------------------|--|-------------------------------|----------------------------|----------------------------|--------|
| DULAIS VALLEY | | | | | | |
| Dulais Higher | | | | | | |
| Crynant Ward | 404 | 0 | 0 | 18 | 0 | 422 |
| Seven Sisters Ward... | 814 | 0 | 0 | 11 | 0 | 825 |
| Onllwyn Ward | 518 | 0 | 0 | 6 | 0 | 524 |
| Dulais Lower | 315 | 0 | 0 | 30 | 0 | 345 |
| | | | | | | 2,116 |
| NEATH VALLEY (Non-tidal portion) | | | | | | |
| Rhigos | 78 | 431 | 0 | 26 | 0 | 535 |
| Neath Higher | 1,372 | 0 | 0 | 43 | 1 | 1,416 |
| Blaengwrach | 220 | 0 | 0 | 19 | 0 | 239 |
| Resolven Res. Ward.. | 824 | 0 | 0 | 17 | 0 | 841 |
| Cwmgrwrach Ward | 245 | 0 | 0 | 6 | 0 | 251 |
| Neath Lower | 99 | 0 | 0 | 18 | 0 | 117 |
| Clyne | 270 | 0 | 0 | 6 | 0 | 276 |
| | | | | | | 3,675 |
| NEATH VALLEY (tidal portion) | | | | | | |
| Tonna | 480 | 0 | 4 | 33 | 0 | 517 |
| Blaenhonddan | 1,144 | 0 | 0 | 22 | 0 | 1,166 |
| Dyffryn Clydach | 757 | 0 | 0 | 27 | 1 | 785 |
| Coedffranc | 2,738 | 0 | 0 | 11 | 0 | 2,749 |
| | | | | | | 5,217 |
| AFAN VALLEY | | | | | | |
| Baglan Higher..... | 113 | 0 | 0 | 5 | 0 | 118 |
| Michaelstone Higher.. | 283 | 0 | 0 | 14 | 0 | 297 |
| | | | | | | 415 |
| TOTALS | 10,674 | 431 | 4 | 312 | 2 | 11,423 |

The following Table gives the percentage of Houses on the various Water Supplies in the area :—

| District | Ystrad-fellte Water Scheme | Llynfawr Reservoir | Neathh Borough Reservoir | Springs, Wells, Etc. | Without Water Supply |
|---|----------------------------|--------------------|--------------------------|----------------------|----------------------|
| DULAIS VALLEY : Comprising Dulais Higher and Dulais Lower | 96.93 | 0.00 | 0.00 | 3.07 | 0.00 |
| NEATH VALLEY : (Non-tidal portion) :— Comprising Rhigos, Neath Higher, Blaengwrach, Resolven, Neath Lower and Clyne | 84.57 | 11.73 | 0.00 | 3.67 | 0.03 |
| NEATH VALLEY : (Tidal portion) :— Comprising Tonna, Blaen-honddan, Dyffryn Clydach and Coedffranc | 98.12 | 0.00 | 0.08 | 1.78 | 0.02 |
| AFAN VALLEY : Comprising Baglan Higher and Michaelstone Higher ... | 95.42 | 0.00 | 0.00 | 4.58 | 0.00 |
| TOTALS—N.R.D.C. ... | 93.44 | 3.77 | 0.04 | 2.73 | 0.02 |

WATER SAMPLES

During 1955, fifty-seven samples of water were taken and submitted to the Cardiff and County Public Health Laboratory for bacteriological examination. Forty of these samples proved satisfactory and seventeen unsatisfactory.

Forty-six samples were taken and submitted for chemical examination. Thirty-nine of these proved to be satisfactory, four were fairly satisfactory, one was moderately satisfactory, one was doubtful and the remaining one was unsatisfactory.

(c) **Closet Accommodation.**

The following Table gives at a glance the position of each Parish as to the nature of its sanitary circumstances:—

| District | Structural Separate Dwellings | Water Carriage System to Sewer | Water Carriage System to Cesspool & disused Pits | Water Carriage System to Rivers & Streams | Slop Water System only to Cesspool and Water Course | Houses without Drains | Pails | Privies | Houses without Sanitary Accommo- dation |
|---|-------------------------------------|---|---|---|---|-----------------------------|-------|---------|---|
| DULAIS VALLEY: | | | | | | | | | |
| Dulais Higher (Crynant Ward) | 422 | 397 | 4 | 0 | 10 | 11 | 15 | 6 | 0 |
| (Seven Sisters) | 825 | 803 | 2 | 0 | 14 | 6 | 17 | 0 | 0 |
| (Onllwyn Ward) | 524 | 512 | 2 | 0 | 8 | 2 | 9 | 4 | 0 |
| Dulais Lower | 345 | 302 | 7 | 0 | 22 | 14 | 29 | 7 | 0 |
| TOTAL | 2,116 | 2,014 | 15 | 0 | 54 | 33 | 70 | 17 | 0 |
| NON-TIDAL PORTION OF NEATH VALLEY: | | | | | | | | | |
| Rhigos | 535 | 442 | 5 | 0 | 56 | 33 | 81 | 8 | 0 |
| Neath Higher | 1,416 | 1,238 | 21 | 3 | 107 | 47 | 130 | 24 | 0 |
| Blaengwrach | 239 | 173 | 2 | 0 | 35 | 29 | 62 | 1 | 1 |
| Resolven (Cwmgwrach Ward) | 251 | 230 | 2 | 0 | 12 | 9 | 19 | 0 | 0 |
| (Resolven Ward) | 841 | 789 | 11 | 0 | 32 | 7 | 39 | 2 | 0 |
| Neath Lower | 117 | 47 | 14 | 0 | 48 | 8 | 49 | 7 | 0 |
| Clyne | 276 | 270 | 1 | 0 | 4 | 1 | 4 | 1 | 0 |
| TOTAL | 3,675 | 3,189 | 55 | 3 | 294 | 134 | 384 | 43 | 1 |
| TIDAL PORTION OF NEATH VALLEY: | | | | | | | | | |
| Tonna | 517 | 457 | 15 | 1 | 24 | 20 | 39 | 4 | 1 |
| Blaenhonddan | 1,166 | 1,036 | 36 | 0 | 77 | 17 | 77 | 17 | 0 |
| Dyffryn Clydach | 785 | 683 | 24 | 0 | 43 | 35 | 47 | 29 | 2 |
| Coedffranc | 2,749 | 2,681 | 18 | 0 | 35 | 15 | 44 | 6 | 0 |
| TOTAL | 5,217 | 4,857 | 93 | 1 | 179 | 87 | 207 | 56 | 3 |
| AFAN VALLEY: | | | | | | | | | |
| Baglan Higher | 118 | 87 | 1 | 0 | 14 | 16 | 26 | 4 | 0 |
| Michaelstone Higher | 297 | 266 | 7 | 0 | 21 | 3 | 20 | 3 | 1 |
| TOTAL | 415 | 353 | 8 | 0 | 35 | 19 | 46 | 7 | 1 |
| GRAND TOTAL | 11,423 | 10,413 | 171 | 4 | 562 | 273 | 707 | 123 | 5 |

Closet Accommodation. Percentage Basis

The following Table gives the percentages of the sanitary circumstances of the houses in the area :—

| District | Water Carriage System to Sewer | Water Carriage System to Cesspool & disused Pits | Water Carriage System to Rivers & Streams | Stop Water System only to Cesspool & Water Course | Houses without Drains | Pails | Privies | Houses without Closet Accommodation |
|--|--------------------------------|--|---|---|-----------------------|-------|---------|-------------------------------------|
| DULAIS VALLEY: Comprising Dulais Higher and Dulais Lower | 95.18 | 0.71 | 0.00 | 2.55 | 1.56 | 3.31 | 0.80 | 0.00 |
| NON-TIDAL PORTION OF NEATH VALLEY: Comprising Rhigos, Neath Higher, Blaengwrach, Resolven, Neath Lower and Clyne | 86.77 | 1.50 | 0.08 | 8.00 | 3.65 | 10.45 | 1.17 | 0.03 |
| TIDAL PORTION OF NEATH VALLEY: Comprising Tonna, Blaenhonddan, Duffryn Clydach and Coedffranc | 93.10 | 1.78 | 0.02 | 3.43 | 1.67 | 3.96 | 1.07 | 0.07 |
| AFAN VALLEY: Comprising Baglan Higher and Michaelstone Higher | 85.06 | 1.93 | 0.00 | 8.43 | 4.58 | 11.08 | 1.69 | 0.24 |
| TOTALS—N.R.D.C. | 91.17 | 1.50 | 0.03 | 4.91 | 2.39 | 6.19 | 1.07 | 0.04 |

(d) Prevention of Damage by Pests Act, 1949.

During the year ended 31st March, 1956, the following numbers of separate properties were inspected :—

| | |
|----------------------------------|-----|
| Local Authority Properties | 16 |
| Dwelling Houses | 576 |
| Agricultural Properties | 15 |
| Business Premises | 59 |
| Total..... | 666 |

A total of 1,611 visits and re-visits were made to the above mentioned premises.

During these inspections the following infestations were discovered :—

| Type of Premises | Minor Infestations | |
|-----------------------------|--------------------|------|
| | Rats | Mice |
| Refuse Tips | 11 | 0 |
| Dwelling Houses | 135 | 58 |
| Business Premises | 6 | 6 |
| Agricultural Premises | 1 | 0 |
| Total..... | 153 | 64 |

During the same period, treatments of infected premises were carried out by the local authority as follows:—

| | | | |
|---------------------|-----|----------------------|-----|
| Refuse Tips | 11 | Other Premises | 5 |
| Dwelling Houses ... | 193 | Total | 209 |

(e) **Schools.**

The sanitary conditions and water supply of Schools within the District are as follows:—

| School | Source of Water | Closet Accommodation |
|---|---------------------------|--------------------------------|
| Aberdulais—Mixed | Ystradfellte Water Supply | Water Carriage system to sewer |
| Blaengwrach—Mixed | do. | do. |
| Aberdulais—Infants | do. | do. |
| Blaengwrach—Infants | do. | do. |
| Bryncoch—Mixed | do. | do. |
| Bryncoch—Infants | do. | do. |
| Bryncoch (Non-provided)— Mixed and Infants | | |
| Cadoxton—Junior | do. | do. |
| Cadoxton—Senior | do. | do. |
| Cilfrew—Junior | do. | do. |
| Coedffranc—Boys | do. | do. |
| Coedffranc—Girls | do. | do. |
| Coedffranc—Infants | do. | do. |
| Skewen Lower—Boys | do. | do. |
| Skewen Lower—Girls | do. | do. |
| Clyne—Mixed | do. | do. |
| Clyne—Infants | do. | do. |
| Crynant—Mixed | do. | do. |
| Crynant—Infants | do. | do. |
| Glyneath—Boys | do. | do. |
| Glyneath—Girls | do. | do. |
| Glyneath—Infants | do. | do. |
| Jersey Marine—Mixed | do. | do. |
| Jersey Marine—Infants | do. | do. |
| Maesmarchog—Mixed | do. | do. |
| Maesmarchog—Infants | do. | do. |
| Neath Abbey—Infants | do. | do. |
| Onllwyn—Mixed | do. | do. |
| Onllwyn—Infants | do. | do. |
| Resolven—Boys | do. | do. |
| Resolven—Girls | do. | do. |
| Resolven—Infants | do. | do. |
| Rhigos—Mixed | Llynfawr Reservoir | do. |
| Rhigos—Infants | do. | do. |
| Seven Sisters—Boys | Ystradfellte Water Supply | do. |
| Seven Sisters—Girls | do. | do. |
| Seven Sisters—Infants | do. | do. |
| Tonna—Mixed | do. | do. |
| Tonna—Infants | do. | do. |
| Tonmawr—Mixed | do. | do. |
| Tonmawr—Infants | do. | do. |

III—HOUSING

(a) **Housing Schemes.**

From 1918 to 1939, the Council built 800 houses in their area. From 1946 to December 31st, 1955, 1,635 houses have been built and occupied in the area. These consist of:—

| | |
|---|-------|
| Temporary Prefabricated Bungalows | 100 |
| Permanent Prefabricated Houses | 270 |
| Traditional Houses | 1,265 |

During 1955, a total of 199 houses were built and occupied.

(b) **Inspection of Dwelling Houses in the Area during the year:—**

- (i) Total number of houses inspected for housing defects 1,481
- (ii) Number of inspections made for this purpose 1,915

(c) **Remedy of defects during the year without service of formal notice**

156

(d) **Action under Statutory Powers during the Year:—**

- (i) Proceeding under Public Health Act, 1936:—
 - (a) Number of dwellings in respect of which notices were served requiring repairs 31
 - (b) Number of dwellings which were rendered fit after service of formal notice 13
- (ii) Proceedings under Housing Acts:—
 - (a) Houses demolished as a result of formal or informal procedure under Section II, 1936 Act... 6
 - (b) Houses closed in pursuance of an undertaking given by owners under Section II, 1936 Act, and still in force 2
 - (c) Closing Orders made under Section 10 of the Local Government (Miscellaneous) Provisions Act, 1953 6

IV—SANITARY INSPECTION OF THE AREA

(a) The number and nature of inspections made during the year were as follows:—

| Type of Visit | Total Visits and Re-visits |
|-----------------------------|----------------------------|
| Dwelling Houses:— | |
| (a) Public Health | 1,351 |
| (b) Housing | 564 |
| Common Lodging Houses | 12 |
| Tents, Vans, Sheds | 76 |
| Keeping of Animals | 16 |
| Offensive Trades | 5 |

| | |
|----------------------------|-------|
| Food Shops :— | |
| (a) Provision | 176 |
| (b) Butchers | 278 |
| (c) Fried Fish | 4 |
| (d) Others | 221 |
| Bakehouses | 25 |
| Factories :— | |
| (a) Non-Mechanical | 6 |
| (b) Mechanical | 25 |
| Smoke Observations | 87 |
| Entertainment Places | 17 |
| Food Inspections | 504 |
| Milk and Dairies | 58 |
| Infectious Diseases | 8 |
| All other matters | 442 |
| TOTAL..... | 3,877 |

(b) The following is a summary of defects remedied during the year:—

(1) HOUSES:

| | |
|--|-----|
| Dampness abated | 94 |
| Walls repaired | 5 |
| Outside plastering repaired | 48 |
| Inside plastering repaired | 69 |
| Floors renewed or repaired | 29 |
| Floors ventilated | 2 |
| Roofs renewed or repaired | 87 |
| Chutes, downpipes, etc., renewed or repaired | 76 |
| Chimneys repaired | 108 |
| Ceilings repaired | 38 |
| Doors and frames renewed or repaired | 7 |

| | |
|---|-----|
| Window sashes renewed or repaired | 38 |
| Window cords renewed | 31 |
| Staircases renewed | 1 |
| Grates or Ovens renewed or repaired | 14 |
| Obstructive Outbuildings demolished | 2 |
| Water-taps or pipes repaired or renewed ... | 16 |
| Bedding cleansed or destroyed | 1 |
| Houses cleansed or re-decorated | 1 |
| Nuisances from animals abated | 2 |
| Accumulations removed | 7 |
| Miscellaneous nuisances and repairs | 1 |
| (2) DRAINAGE : | |
| Drains Tested | 2 |
| Drains re-laid or repaired | 6 |
| New drains constructed | 1 |
| (3) W.C.'s : | |
| W.C.'s re-constructed or repaired | 34 |
| W.C.'s cleansed | 1 |
| New pans or traps fixed | 5 |
| Flushing apparatus provided or repaired ... | 42 |
| (4) CESS POOLS : | |
| Emptied | 1 |
| (5) COMMON LODGING HOUSES : | |
| Limewashing or cleansing carried out | 1 |
| Bedding renewed | 1 |
| (6) TENTS, VANS AND SHEDS : | |
| Removed | 3 |
| Sanitary improvements effected | 1 |
| (7) AMUSEMENT PLACES : | |
| W.C.'s repaired | 2 |
| (8) FACTORIES : | |
| Insufficient sanitary conveniences | 4 |
| Defective sanitary conveniences | 1 |
| Inadequate ventilation | 1 |
| Want of cleanliness | 3 |
| (9) SLAUGHTERHOUSES, PIGGERIES, Etc. : | |
| Cleanliness improved | 1 |
| (10) FOOD SHOPS, RESTAURANTS, Etc. : | |
| Lighting and ventilation improved | 2 |
| Storage arrangements improved | 3 |
| Drains re-laid, cleansed or improved | 1 |
| Washing facilities provided or repaired | 3 |
| Ashbins provided | 1 |
| Accumulations removed or cleanliness improved | 6 |
| TOTAL..... | 803 |

(c) **Number of Notices Served.**

| | |
|----------------------|-------|
| (i) Informal | 258 |
| (ii) Statutory | 31 |
| | <hr/> |
| | 289 |

(d) **Result of Service of such Notices.**

| | |
|--|-------|
| (i) Informal Notices complied with | 182 |
| (ii) Statutory Notices complied with | 13 |
| | <hr/> |
| | 195 |

(e) **Housing—Overcrowding.**

One thousand, six hundred and thirty-five houses have been built and occupied since the end of the War, but there is still a very great need for further houses to be built. In May, 1956, the following number of applications for re-housing were filed in the Department :—

| | | | |
|---------------------------|-----|-----------------------|-----|
| Baglan Higher | 34 | Blaengwrach | 12 |
| Blaenhonddan | 120 | Clyne | 28 |
| Coedffranc | 370 | Dyffryn Clydach | 104 |
| Dulais Higher | 163 | Dulais Lower | 36 |
| Michaelstone Higher | 46 | Neath Higher | 194 |
| Neath Lower | 9 | Resolven Ward | 52 |
| Cwmgwrach Ward | 24 | Rhigos | 24 |

Tonna 71

TOTAL 1,287

(f) **Atmospheric Pollution.**

During the year samples were collected in the Skewen and Neath Abbey areas. A summary of the results of these samples is appended below.

| | JAN. | | | FEB. | | | MAR. | | | APRIL | | | MAY | | | JUNE | | | JULY | | | AUG. | | | SEPT. | | | OCT. | | | NOV. | | | DEC. | | |
|--|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|------|--|--|------|--|--|
| | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | Total | Ash | Solids | | | | | | |
| Site of Collecting Gauge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rockleigh, Maesmelyn, Neath Abbey | (2) | (2) | (1) | (2) | (1) | (1) | (2) | (2) | (3) | (3) | (3) | (3) | (2) | (3) | (2) | (2) | (3) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | |
| St. Margaret's Ave., Jersey Marine | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (1) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | |
| Cefn Park, Skewen | (2) | (2) | (1) | (2) | (1) | (1) | (2) | (2) | (3) | (3) | (3) | (3) | (2) | (3) | (2) | (2) | (3) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | |
| Foundry Row, Skewen | (2) | (2) | (1) | (2) | (1) | (2) | (2) | (2) | (3) | (4) | (3) | (3) | (3) | (4) | (3) | (3) | (4) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | |
| Queen's Road, Skewen | (2) | (2) | (1) | (2) | (1) | (1) | (2) | (2) | (3) | (3) | (3) | (3) | (3) | (3) | (2) | (2) | (2) | (2) | (2) | (3) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | | | | | |

(1).....CLEAN
(2).....FAIRLY CLEAN
(3).....DIRTY
(4).....VERY DIRTY

V—INSPECTION & SUPERVISION OF FOOD

(a) MILK SUPPLY.

During the year, 58 visits were made to Dairies and Milkshops in the area. From the 1st October, 1955, the Neath Rural District was designated as a special area for the retail sale of milk, with the result that all milk sold in the area is in one of three categories, i.e., Tuberculin Tested, Pasteurised or Sterilised Milk.

Eleven samples taken during the year for the detection of the Tubercle Bacilli all gave negative results.

(b) ICE CREAM:

The following number of premises are registered in the area:—

| | |
|------------------------------------|----|
| (i) For manufacture and sale | 14 |
| (ii) For sale only | 53 |

These premises have all been visited during the year. Seven samples taken were all satisfactory.

(c) MEAT AND OTHER FOODS:

The Fatstock Marketing Corporation purchased and took over the Court Herbert Slaughterhouse from Messrs. Price Bros. on the 11th December, 1955. During the year the following numbers of animals were slaughtered and examined at this slaughter-house:—

| | |
|-------------------------|---------------|
| Bulls | 29 |
| Cows | 2,924 |
| Sheep and Heifers | 2,995 |
| Sows and Pigs | 1,192 |
| Porkers | 17,762 |
| Sheep and Lambs | 34,641 |
| Calves | 5,372 |
| Goats | 1 |
| TOTAL..... | 64,916 |

During the same period the following carcasses, offal, etc., were surrendered as unfit for human consumption:—

BOVINES:

Carcasses and Part Carcasses:

| | |
|---|-------------|
| 20 Cow Carcasses (Generalised T.B.) | 10,460 lbs. |
| 4 Cow Carcasses (T.B. with Emaciation) | 1,834 lbs. |
| 19 Cow Carcasses (Emaciation, Œdema, Nephritis Fever and Malignant Tumours) ... | 8,646 lbs. |
| 1 Bull Carcase (Generalised T.B.) | 718 lbs. |
| 1 Steer Carcase (Generalised T.B.) | 410 lbs. |
| 15 Forequarters (T.B.) | 1,745 lbs. |
| 3 Short Forequarters (T.B.) | 291 lbs. |
| 5 Hindquarters (T.B.); 1 Hindquarter (Bruising) | 820 lbs. |
| 206 lbs. from Cow Carcase (Bruising) | 206 lbs. |
| 1 Flank (Abscess) | 5 lbs. |

Offal:

| | |
|---|-------------|
| 237 Heads and Tongues (T.B. and Condemned Carcases) | 7,464 lbs. |
| 10 Heads and Tongues (Actinobacillosis) | 287 lbs. |
| 2,053 Livers; 1,411 Part Livers | 26,653 lbs. |
| 1,191 Lungs | 10,728 lbs. |
| 48 Hearts; 43 Spleens; 70 Skirts; 49 Tails; 3 Kidneys | 594 lbs. |

SWINE:

Carcases and Part Carcases:

| | |
|--|------------|
| 12 Pig Carcases (T.B., Moribund, Fever) | 961 lbs. |
| 4 Sow Carcases (T.B.) | 1,402 lbs. |
| 27 Immature Pigs (Contacts of Swine Fever) | 250 lbs. |
| 3 Legs; 2 Fores; 2 Part Legs (Bruised) ... | 117 lbs. |

Offal:

| | |
|-----------------------------------|------------|
| 539 Heads (T.B.) | 8,063 lbs. |
| 150 Plucks | 804 lbs. |
| 600 Livers; 460 Part Livers | 2,988 lbs. |
| 1,120 Lungs | 1,404 lbs. |
| 3 Kidneys | 8 lbs. |

SHEEP AND LAMBS:

Carcases and Part Carcases:

| | |
|--|------------|
| 48 Sheep and Lamb Carcases (Moribund, Emaciation, Œdema, etc.) | 2,310 lbs. |
| 24 lbs. Bruised Mutton | 24 lbs. |

Offal:

| | |
|---------------------------------------|-------------|
| 288 Heads | 702 lbs. |
| 156 Plucks | 497 lbs. |
| 4,032 Livers; 3,359 Part Livers | 10,800 lbs. |
| 3,727 Lungs | 4,302 lbs. |

CALVES:

Carcases:

| | |
|--|----------|
| 4 Calf Carcases (Jaundice, Immaturity, Moribund) | 216 lbs. |
|--|----------|

Offal:

| | |
|----------------|---------|
| 4 Heads | 18 lbs. |
| 6 Plucks | 25 lbs. |
| 2 Livers | 2 lbs. |
| 75 Lungs | 75 lbs. |

TOTAL 105,829 lbs.

= 47 Tons 4 Cwts. 3 Qrs. 17 lbs.

The following foodstuffs were surrendered at various shops throughout the area during the year :—

| | lbs. | ozs. |
|---|-------|------|
| 284 lbs. Hindquarters Imported Beef | 284 | 0 |
| 244 lbs. Home Killed Beef | 244 | 0 |
| 319 lbs. Home Killed Lamb | 319 | 0 |
| 53 lbs. Imported Lamb | 53 | 0 |
| 36½ lbs. Pork Sausages; 30 lbs. Beef Sausages | 66 | 8 |
| 111 Tins Meat (various) | 545 | 12 |
| 254 Tins Fruit (various) | 322 | 4 |
| 24 Tins Vegetables (various) | 23 | 4 |
| 10 Tins Fish (various) | 7 | 10 |
| 17 Tins Milk | 17 | 0 |
| 1 Tin Cream | 0 | 6 |
| 45¼ lbs. Cheese | 45 | 4 |
| 100 lbs. Currants | 100 | 0 |
| 4 lbs. Lard | 0 | 0 |
| 17 lbs. Raisins | 17 | 0 |
| 6 lbs. Ground Rice; 4 lbs. Rice Cake Mixture | 10 | 0 |
| 8¾ lbs. Ground Almonds | 8 | 12 |
| 17 Packets Grapenuts | 12 | 12 |
| 2 Packets Scotch Oats | 2 | 12 |
| 1 Box Walnut Cream Confectionery | 4 | 0 |
| 1 Box Roasted Almonds | 4 | 0 |
| TOTAL..... | 2,091 | 4 |

= 18 Cwts. 2 Quarters 19 lbs. 4 ozs.

VI—PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

The following table gives a comparison of the number of cases of
Infectious Diseases notified during 1954 and 1955:—

| Year | Dysentery | Scarlet Fever | Meningococcal Infection | Whooping Cough | Paratyphoid Fever | Erysipelas | Pneumonia | Measles | Acute Poliomyelitis | Puerperal Pyrexia | Ophthalmic Neonatorum | Food Poisoning |
|--------|-----------|---------------|-------------------------|----------------|-------------------|------------|-----------|---------|---------------------|-------------------|-----------------------|----------------|
| 1954.. | — | 15 | 1 | 26 | 2 | 4 | 20 | 3 | P. N.P. | — | — | — |
| 1955.. | 2 | 12 | — | 54 | — | 1 | 21 | 521 | 6 | — | — | 4 |

The Table given below shows the age distribution of notified Infectious Diseases:—

| Diseases | All Ages | Under One Year | 1- | 2- | 3- | 4- | 5- | 10- | 15- | 25- | 35- | 45- | 65 & over |
|-------------------------|----------|----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----------|
| Scarlet Fever | 12 | — | — | 1 | 1 | 3 | 5 | 2 | — | — | — | — | — |
| Whooping Cough | 54 | 3 | 3 | 6 | 7 | 11 | 20 | 3 | 1 | — | — | — | — |
| Measles | 521 | 19 | 50 | 65 | 75 | 89 | 218 | 4 | 1 | — | — | — | — |
| Pneumonia | 21 | 1 | — | 1 | 2 | 2 | 2 | 2 | — | 2 | 2 | 6 | 1 |
| Dysentery | 2 | 1 | 1 | — | — | — | — | — | — | — | — | — | — |
| Erysipelas | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Acute Poliomyelitis ... | 6 | 1 | 3 | — | 1 | — | 1 | — | — | — | — | — | — |
| Food Poisoning | 4 | — | — | — | — | — | 1 | — | 1 | — | 2 | — | — |

Number of Deaths.

The following Table shows the number of deaths from Infectious Diseases
during the year, as well as age-distribution:—

| Diseases | All Ages | Under One Year | 1- | 2- | 3- | 4- | 5- | 10- | 15- | 25- | 35- | 45- | 65 & over |
|--------------|----------|----------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----------|
| Measles..... | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — |

(b) **Tuberculosis.**—The following Table shows particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1955:—

| Age Periods | New Cases Notified | | | | Deaths | | | |
|----------------------------|--------------------|--------|---------------|--------|-----------|--------|---------------|--------|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | Male | Female | Male | Female | Male | Female | Male | Female |
| 0 Year to 1 Year | — | — | — | — | — | — | — | — |
| 1 Year to 5 Years | — | — | — | — | — | — | — | — |
| 5 Years to 10 Years | — | — | 1 | 1 | — | — | — | — |
| 10 Years to 15 Years | — | 2 | — | — | — | — | — | — |
| 15 Years to 20 Years | 5 | 2 | — | — | — | — | — | — |
| 20 Years to 25 Years | — | 3 | — | 2 | — | — | — | — |
| 25 Years to 35 Years | 2 | 4 | — | — | — | — | — | — |
| 35 Years to 45 Years | 3 | 2 | 1 | — | 1 | — | — | — |
| 45 Years to 55 Years | 4 | — | — | — | 1 | — | — | — |
| 55 Years to 65 Years | 1 | — | 1 | — | 3 | — | — | — |
| 65 Years and Upwards | 1 | 1 | — | — | 2 | 1 | — | — |
| TOTALS | 16 | 14 | 3 | 3 | 7 | 1 | — | — |

The death-rates from Tuberculosis (since 1946) are shown in the following Table:—

| | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| General Death-rate | 11.2 | 11.7 | 10.3 | 10.7 | 12.7 | 12.9 | 11.3 | 11.4 | 11.3 | 11.7 |
| Pulmonary Tuberculosis ... | 0.53 | 0.39 | 0.53 | 0.46 | 0.29 | 0.24 | 0.36 | 0.24 | 0.24 | 0.19 |
| Tuberculosis (other forms) | 0.15 | 0.15 | 0.15 | 0.10 | 0.17 | 0.02 | 0.07 | 0.02 | 0.02 | 0.00 |
| Tuberculosis (all forms) ... | 0.60 | 0.54 | 0.58 | 0.56 | 0.46 | 0.27 | 0.43 | 0.26 | 0.26 | 0.19 |

| Age on 31-12-55 (i.e., born in year) | Under 1 1955 | 1—4 1951-54 | 5—9 1946-50 | 10-14 1941-45 | Under 15 Total |
|---|-----------------|----------------|----------------|------------------|-------------------|
| Number of children who completed course in the period 1-1-55 to 31-12-55 | 50 | 561 | 2 | — | 613 |

NEATH HEALTH DIVISION

DIPHTHERIA IMMUNITY INDEX

Annual Return for Year Ended 31st December, 1955

Number of children in the Local Health Authority area on the 31st December, 1955, who have completed a course of Diphtheria Immunisation at any time between 1st January, 1941, and 31st December, 1955.

| Age on 31.12.1955 (i.e., born in year) | Under 1 1955 | 1—4 1951—1954 | 5—9 1946—1950 | 10—14 1941—1945 | Under 15 TOTAL |
|--|-----------------|------------------|------------------|--------------------|-------------------|
| (A) Number of children who have completed course (primary or booster) in the period 1951-1955 | 51 | 2575 | 4091 | 884 | 7601 |
| (B) Number of children who have completed course (primary or booster) in the period 1941-1950 | — | — | 1418 | 3914 | 5332 |
| (C) Estimated mid-year child population | — | — | — | — | 16070 |
| Immunity Index 100 A/C ... | — | — | — | — | 47.29% |

WHOOPING COUGH IMMUNISATION

| Age on 31.12.55 (i.e. born in year) | Under 1 1955 | 1—4 1951—1954 | 5—9 1946—1950 | 10—14 1941—1945 | Under 15 Total |
|---|-----------------|------------------|------------------|--------------------|-------------------|
| Number of children who completed course in the period 1.1.55 to 31.12.55 | 50 | 561 | 2 | — | 613 |

Return Relating to Services provided by or on behalf of the Council as Local Health Authority and of the work done during the year 1955.

1.—BIRTHS.

Actual number of births in the Authority's area during the year as notified under Section 204 of the Public Health Act, 1936, or Section 255 of the Public Health (London) Act, 1936, and the number as adjusted by any notifications transferred in or out of the area :—

| | Live Births | | Stillbirths | | TOTALS | |
|----------------------|-------------|----------|-------------|----------|--------|----------|
| | Actual | Adjusted | Actual | Adjusted | Actual | Adjusted |
| Domiciliary | 365 | 365 | 3 | 3 | 368 | 368 |
| Institutional | 1149 | 585 | 49 | 24 | 1198 | 609 |

2.—ANTE-NATAL AND POST-NATAL CLINICS.

| | No. of clinics provided at end of year (2) | No. of sessions now held per month | | No. of Women in attendance | | Total No. of atten- dances during the year |
|-------------------------|---|---------------------------------------|------------------------------|--|--|---|
| | | Medical Officers' Sessions. | Midwives' Sessions (3) | No. of women who attended during the year (4) | No. of new cases included in Col. 4 (5) | |
| (1) | | | | | | |
| (a) Ante-Natal Clinics. | 6 | 22 | 4 | 1199 | 938 | 5151 590 (6) |
| (b) Post-Natal Clinics. | — | — | — | *268 | *268 | *306 |

*Number of women post-natally examined at ante-natal clinics.

INFANT WELFARE CLINICS

| No. of Centres provided at end of year | No. of Child Welfare Sessions held per month | No. of children who first attended a Centre during the year and who at their first attendance were under 1 year of age | No. of children who attended during the year and who were born in— | | | Total No. of children who attended during the year | No. of attendances during the year made by children who, at the date of attendance were— | | | Total attendances during the year |
|--|--|--|--|------|---------|--|--|---------------------|---------------------|-----------------------------------|
| | | | 1955 | 1954 | 1953-50 | | Under 1 year | 1 but under 2 years | 2 but under 5 years | |
| 12 | 34 | 865 | 784 | 795 | 891 | 2470 | 11594 | 2579 | 2044 | 16,217 |

DENTAL TREATMENT RETURNS

(A) NUMBERS PROVIDED WITH DENTAL CARE

| | Examined | Needing Treatment | Treated | Made Dentally fit |
|-----------------------------------|----------|-------------------|---------|-------------------|
| Expectant and Nursing Mothers ... | 94 | 92 | 70 | 42 |
| Children under 5 | 128 | 90 | 89 | 49 |

(B) FORMS OF DENTAL TREATMENT PROVIDED

| Expectant and Nursing Mothers | Scalings and Gum Treatment | Fillings | Silver Nitrate Treatment | Crowns or Inlays | Extractions | General Anesthetics | Dentures Full upper or lower | Provided Partial upper or lower | Radio-graphs |
|-------------------------------|----------------------------|----------|--------------------------|------------------|-------------|---------------------|------------------------------|---------------------------------|--------------|
| Children under 5.. | 13 | 59 | — | — | 474 | 108 | 15 | 26 | 1 |
| | — | 85 | 6 | — | 279 | 85 | — | — | — |

HEALTH VISITING AND TUBERCULOSIS VISITING HEALTH VISITING

| Number of children under 5 years of age visited during year | Expectant Mothers | | Children under 1 year of age | | Children age 1 and under 2 years | Children age 2 but under 5 years | Tuber- culosis Households | Other Cases | Total No. of families or households visited by Health Visitors |
|---|-------------------|--------------|------------------------------|--------------|----------------------------------|----------------------------------|---------------------------|--------------|--|
| | First Visits | Total Visits | First Visits | Total Visits | Total Visits | Total Visits | Total Visits | Total Visits | Total Visits |
| 4835 | 597 | 801 | 933 | 5747 | 3069 | 7858 | 1437 | 2721 | 4808 |

HOME NURSING

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
|---|---------|----------|---------------------|----------------|--------------------------|--------|--------|---|--|--|
| | Medical | Surgical | Infectious Diseases | Tuber- culosis | Maternal Compli- cations | Others | TOTALS | Patients included in (2)-(7) who were 65 or over at the time of the first visit during the year | Children included in (2)-(7) who were under 5 at the time of the first visit during the year | Patients included in (2)-(7) who had more than 24 visits during the year |
| Number of cases attended by Home Nurses during the year | 1051 | 283 | 3 | 153 | 4 | 3 | 1497 | 392 | 46 | 216 |
| Number of visits paid by Home Nurses during the year | 30767 | 6825 | 20 | 5338 | 27 | 18 | 42995 | 21685 | 424 | 31496 |

DOMICILIARY MIDWIVES

| | No. of domiciliary midwives practising in the year at end of year who were qualified to administer inhalation analgesics in accordance with the requirements of the Central Midwives' Board. | No. of sets of apparatus for the administration of inhalational analgesics in use at end of year. | | No. of cases in which inhalational analgesics were administered by midwives in domiciliary practice during the year. | | | | No. of cases in which pethidine was administered by midwives in domiciliary practice during the year. |
|---|--|---|---------|--|---------|--|---------|---|
| | | Gas and Air | Trilene | When Dr. was present at time of delivery of child | | When Dr. was not present at time of delivery of child. | | |
| | | | | Gas and air. | Trilene | Gas and air. | Trilene | |
| Domiciliary Midwives employed directly by the Local Health Authority ... | 11 | 12 | — | 20 | — | 254 | 15 | 191 |
| Domiciliary Midwives in private practice or employed by organisations not acting as agents of the Local Authority ... | — | — | — | — | — | — | — | 8 |
| TOTALS ... | 11 | 12 | — | 20 | — | 254 | 15 | 199 |

PREMATURE BIRTHS

Number of Premature Live Births Notified (as adjusted by any notifications transferred in or out of the area) :—

| | | | | |
|------------------------------|-----|-----|-----|----|
| (a) In hospital | ... | ... | ... | 51 |
| (b) At home | ... | ... | ... | 23 |
| (c) In private nursing homes | ... | ... | ... | 1 |
| Total | ... | ... | ... | 75 |

Number of Premature Still Births notified (as adjusted by any notifications transferred in or out of the area) :—

| | | | | |
|------------------------------|-----|-----|-----|----|
| (a) In hospital | ... | ... | ... | 16 |
| (b) At home | ... | ... | ... | 2 |
| (c) In private nursing homes | ... | ... | ... | — |
| Total | ... | ... | ... | 18 |

NUMBER OF DELIVERIES ATTENDED BY MIDWIVES IN THE AREA DURING THE YEAR

| | DOMICILIARY CASES | | | | | | Cases in Institutions |
|--|---|--|---|--|--------|------|--------------------------|
| | DOCTOR NOT BOOKED | | DOCTOR BOOKED | | TOTALS | | |
| | Doctor present at time of delivery of child. | Doctor not present at time of delivery of child. | Doctor present at time of delivery of child (either the booked Dr. or another) | Doctor not present at time of delivery of child. | | | |
| Midwives employed by the authority ... | 7 | 179 | 17 | 147 | 350 | — | |
| Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act ... | — | — | — | — | — | 1180 | |
| Midwives in Private Practice (including Midwives employed in Nursing Homes) ... | — | 11 | 1 | 5 | 17 | — | |
| TOTALS ... | 7 | 190 | 18 | 152 | 367 | 1180 | |

MEDICAL AID UNDER SECTION 14 (1) OF THE MIDWIVES ACT, 1951

Number of cases in which medical aid was summoned during the year under Section 14 (1) of the Midwives Act, 1951, by a Midwife, whether a fee was payable by the Local Health Authority or not :—

(a) Domiciliary cases :—

| | | |
|------|--|-----|
| (i) | Where the Medical Practitioner had arranged to provide the patient with maternity medical services under the National Health Service ... | 35 |
| (ii) | Others ... | 66 |
| | TOTAL ... | 101 |

PREMATURE LIVE BIRTHS

PREMATURE STILLBIRTHS

| | Born in Hospital | | | | Born at home and nursed entirely at home | | | | Born at home and transferred to hospital on or before 28th day | | | | Born in nursing home and nursed entirely there | | | | Born in Nursing Home and transferred to Hospital on or before the 28th day | | | | Born in Hos- pital | Born at Home | Born in Nurs- ing Home |
|---|------------------|------------------------------|------------------|--|--|------------------------------|------------------|--|--|------------------------------|------------------|--|--|------------------------------|------------------|--|--|------------------------------|------------------|--|--------------------|--------------|------------------------|
| | TOTAL | Died within 24 hrs. of birth | Survived 28 days | | TOTAL | Died within 24 hrs. of birth | Survived 28 days | | TOTAL | Died within 24 hrs. of birth | Survived 28 days | | TOTAL | Died within 24 hrs. of birth | Survived 28 days | | TOTAL | Died within 24 hrs. of birth | Survived 28 days | | | | |
| 3lbs. 4ozs. or less | 8 | 7 | — | | — | — | — | | 2 | 1 | 1 | | — | — | — | | — | — | — | | 5 | 1 | — |
| Over 3lbs. 4ozs. up to and including 4lbs. 6ozs. ... | 18 | 2 | 13 | | — | — | — | | 10 | 3 | 5 | | — | — | — | | — | — | — | | 3 | — | — |
| Over 4lbs. 6ozs. up to and including 4lbs. 15ozs.... | 5 | — | 3 | | — | — | — | | 1 | — | — | | — | — | — | | — | — | — | | 5 | — | — |
| Over 4lbs. 15ozs. up to and including 5lbs. 8ozs. ... | 20 | 1 | 18 | | 9 | 1 | 8 | | 1 | — | 1 | | 1 | — | 1 | | — | — | — | | 3 | 1 | — |
| TOTAL | 51 | 10 | 34 | | 9 | 1 | 8 | | 14 | 4 | 7 | | 1 | — | 1 | | — | — | — | | 16 | 2 | — |

